

Notice of Allowability

Application No.

10/089,190

Applicant(s)

KIRLA, OLLI

Examiner

Sharad Rampuria

Art Unit

2683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/28/04.
2. ☒ The allowed claim(s) is/are 1,3-6 and 8-13.
3. ☒ The drawings filed on 27 March 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Allowable Subject Matter

I. The following is an examiner's statement of reasons for allowance:

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Abu-Amara et al. disclose an inter-mobile switching center (MSC) soft hand-off by creating a communication link between the MSCs through the base station controllers (BSCs). The routers in the BSCs are linked to form a virtual router. This faster link between the BSCs enables the same protocol to be used for intra-MSC soft hand-off used for inter-MSC soft hand-off.

Friman disclose a mobile communication system and a call control method for the mobile communication system allowing calls to be established between mobile stations located in an area of a same base station system.

Sollner disclose a method to keep the dead time caused by a call handover shortest possible.

Rouhollahzadeh et al. disclose a method for determining the geographical position of a mobile terminal within a cellular network, and specifically to handling positioning data acquired by a target Base Transceiver Station (BTS), which is not controlled by the same node as the originating BTS, during a positioning handover.

Manning et al. discloses a method for timely maintaining or establishing an R-P connection after a mobile station (MS) roams from the control of an old base station controller (BSC) to that of a new BSC.

Art Unit: 2683

Nakano et al. disclose a method of a radio communication system capable of performing communication using a plurality of slots in one TDMA frame by a portable station having a single receiver.

Therefore, all of the above prior art fails to disclose directing a switching function located in the mobile services switching center to perform the handover, provided that the checks show that the handover is an internal handover of the base station controller where the trigger condition is met; and wherein the switching function of the base station controller is directed to perform the handover in question, provided that the checks show that the handover is an internal handover of the base station controller where the trigger condition is not met.

Claims 2, 7 are cancelled.

Claims 1, 3-6, 8-13 is allowed based on Galyas et al. in view of Saada et al. and also preserved by Applicant's response filed on 12/28/04.

II. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sharad Rampuria whose telephone number is (571) 272-7870. The examiner can normally be reached on Mon-Fri. (8:10-4:40).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on (571) 272-7872. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2683

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://portal.uspto.gov/external/portal/pair>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or EBC@uspto.gov.

Sharad Rampuria
Examiner
Art Unit 2683

May 19, 2005



WILLIAM TROST
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600